



#3618
PATENT
Attorney Docket No.: GR0-00100

HAVERSTOCK & OWENS LLP
162 North Wolfe Road
Sunnyvale, California 94086
(408) 530-9700

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OCT 30 2002
GROUP 3600

In re Application of: Jack Cheng *et al.*
Serial No.: 09/723,615
Filed: November 27, 2000
Entitled: SMART SONIC BEARINGS AND METHOD FOR FRICTIONAL FORCE REDUCTION AND SWITCHING

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below.

	(Col. 1)		(Col. 2)	(Col. 3)		
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	* 64	MINUS	** 140	0	18.00	0.00
Independent Claims	* 8	MINUS	*** 6	2	84.00	168.00
First Presentation Of Multiple Dependent Claim					0	
					TOTAL	168.00
Small Entity 50% Filing Fee Reduction (if applicable)						84.00

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.
The "Highest Number Previously Paid For" (Total or Independent is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.)

1. ☒ A check in the amount of \$84.00 is attached.
2. ☒ Please charge any additional fees, including any fees necessary for extensions of time, or credit overpayment to Deposit Account No. 08-1275. An originally executed duplicate of this transmittal is enclosed for this purpose.
3. ☐ Petition for extension of time. The undersigned attorney of record hereby petitions for an extension of time pursuant to 37 C.F.R. § 1.136(a), as may be required, to file this response.

Dated: October 11, 2002

By: 

Thomas B. Haverstock
Registration No.: 32,571

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on October 11, 2002

Dated: October 11, 2002

By: 

Juan Rascon



PATENT
Atty. Docket No.: GRQ-00100

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M.B.
11/20/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Jack Cheng et al.)
Serial No.: 09/723,615)
Filed: November 27, 2000)
For: **SMART SONIC BEARINGS AND**)
METHOD FOR FRICTIONAL)
FORCE REDUCTION AND)
SWITCHING)

Group Art Unit: 3613

Examiner: Nguyen, X

RESPONSE TO OFFICE ACTION
DATED July 12, 2002

162 North Wolfe Road
Sunnyvale, CA 94086
(408) 530-9700

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

AMENDMENTS

Clean Version of the Claims

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GROUP 3600

143. (New) A method of controlling an effective coefficient of friction between a first surface of a first element and a second surface of a second element, the method comprising the steps of:
- a. configuring the first and second surfaces to be in slidable contact with one another along an interface between the first surface and the second surface, wherein the interface is located along an anti-nodal region of the first element, the first and second surfaces under a force sufficient to maintain contact at the interface and having a static friction therebetween; and
 - b. inducing a repetitive motion in the first surface parallel to the interface thereby altering the effective coefficient of friction.
144. (New) A method of controlling an effective coefficient of friction between a first surface of a first element and a second surface of a second element, the method comprising the steps of:
- a. configuring the first and second surfaces to be in slidable contact with one another along an interface between the first surface and the second surface, the first and